#### **ENVIRONMENTAL CHEMISTS**

Date of Report: 11/03/00 Date Received: 10/30/00

Project: Metro Self Monitor, PO# M83588

Date Extracted: 10/30/00 Date Analyzed: 10/30/00

### RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Results Reported as mg/L (ppm)

ACU-05 0.44 0.33 0.45 0.1	
DALOU **U)	7 CL
ACU-05	ID
Method Blank <0.05 <0.05 <0.05 0.0	7 0

fb - The analyte indicated was found in the blank. Its presence may be due to laboratory contamination.

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Date of Report: 11/03/00 Date Received: 10/30/00

Project: Metro Self Monitor, PO# M83588

# QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 010111-01 (Duplicate)

	Reporting	Sample	Duplic	Relative ate Percent	Acceptance
Analyte	Units	Result			
Chromium	mg/L (ppm)	2.2	1.9	15	0-20
Copper	mg/L (ppm)	2.6	2.5	4	0-20
Nickel	mg/L (ppm)	2.4	2.1	13	0-20
Zinc	mg/L (ppm)	0.48	0.44	9	0-20

Laboratory Code: 010111-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recover MS	y % Recovery MSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	2.2	95	94	80-120	1
Copper	mg/L (ppm)	5	2.6	108	108	80-120	0
Nickel	mg/L (ppm)	10	2.4	100	98	80-120	2
Zinc	mg/L (ppm)	5	0.48	104	103	80-120	1

Laboratory Code: Laboratory Control Sample

	Reporting	Spike %	Recove	ery % Recov	ery Acceptance	e.
Analyte	Units	Level	LCS	LCSD	Criteria	RPD
Chromium	mg/L (ppm)	5	102	103	80-120	1
Copper	mg/L (ppm)	5	109	108	80-120	1
Nickel	mg/L (ppm)	10	102	105	80-120	3
Zinc	mg/L (ppm)	5	103	108	80-120	5

FRIEDMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282

# SAMPLE CHAIN OF CUSTODY

Send Report To:  Company Alas Kan Copper Worker Contact Gevald A. Thompson  Address 628 Handand St  City, State, Zip Scatter UA 98134										
Address 628 Harrford St										
City, State, Zip	MA	48134								
Phone # 206 - 382 - 2379 FAX # 206 - 382 - 4309 Date 10.30.00										
SITE NO.		×, *		CT NAME		PURCHASE ORDER #				<i>*</i>
7238		metro Self monitor			m 83588					
SAMPLERS (signature)				· 			PI	ROJECT LOCA	1OIT	4
REMARKS						SAMPLE DISPOSAL INFORMATION				
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						Return Samples				1
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Sample #	Date/Time Sample # Sampled			# of Jars	Lab Sample #			Analyses Requested		
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FORMS/COC

06/09/97

#### **ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S.

3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

November 3, 2000

#### DUPLICATE COPY

#### INVOICE #00ACU1103-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M83588 - Results of testing requested by Gerald A. Thompson for material submitted on October 30, 2000.

FEDERAL TAX ID (b) (6)

#### **ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

November 3, 2000

Gerald A. Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on October 30, 2000 from your Metro Self Monitor, PO# M83588 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kate Trafton Project Manager

Enclosures ACU1103R.DOC